Applicant's Docket No. 132347-1

Appl. No. 10/675,367 Amdt. Dated 15 March 2007

Reply to Office action of 20 December 2006

## Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A nickel-containing alloy comprising:

about 1.5 to about 4.5 weight percent aluminum;

about 1.5 to about 4.5 weight percent titanium;

up to about 3 weight percent niobium;

about 14 to about 28 weight percent chromium;

up to about 0.01 to about 0.2 weight percent zirconium;

with the remainder being nickel, ((and)) wherein the atomic ratio of aluminum to titanium is about 0.5 to about 1.5, with the proviso that the nickel-containing alloy is substantially devoid of tantalum.

- (Previously Presented) The nickel-containing alloy of Claim 1, wherein a sum of the amount of aluminum and titanium is about 3 to about 9 weight percent, of the nickel-containing alloy.
  - 3. (Canceled).
- (Original) The nickel-containing alloy of Claim 1, wherein a sum of the titanium, aluminum and niobium is about 3 to about 12 weight percent, of the nickel-containing alloy.
- (Original) The nickel-containing alloy of Claim 1, wherein the nickel is present in an amount of about 40 to about 70 weight percent, of the nickel-containing alloy.
- (Currently Amended) The nickel-containing alloy of Claim 1, further comprising cobalt, carbon, zirconia, tungsten, boron, tantalum, hafnium, rhenium, ruthenium, or a combination comprising at least one of the foregoing.
- (Original) The nickel-containing alloy of Claim 6, wherein the cobalt is present in an amount of about 10 to about 23 weight percent, of the nickel-containing alloy.
- 8. (Original) The nickel-containing alloy of Claim 6, wherein the carbon is present in an amount of about 0.02 to about 0.15 weight percent, of the nickel-containing alloy.
- (Original) The nickel-containing alloy of Claim 6, wherein the tungsten is present in an amount of about 1 to about 3 weight percent. of the nickel-containing alloy.

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 (Original) The nickel-containing alloy of Claim 6, wherein the boron is present in an amount of about 0.001 to about 0.025 weight percent, of the nickel-containing alloy.

11. (Withdrawn) A nickel-containing alloy consisting essentially of:

about 1.6 to about 1.8 weight percent aluminum; about 2.2 to about 2.4 weight percent titanium; about 1.25 to 1.45 weight percent niobium; about 22 to about 23 weight percent chromium; about 18.5 to about 19.5 weight percent cobalt; about 0.08 to about 0.12 weight percent carbon;

about 1.9 to about 2.1 weight percent tungsten;

and about 0.002 to about 0.006 weight percent boron;

up to 0.01 weight percent zirconium; with the remainder being nickel.

 (Withdrawn) The nickel-containing alloy of Claim 11, wherein the zirconium is substituted with hafnium.

(Withdrawn) A method for manufacturing an article comprising:

casting an alloy comprising about 1.5 to about 4.5 weight percent aluminum; about 1.5 to about 4.5 weight percent litanium; up to about 3 weight percent nicibium; about 14 to about 28 weight percent chromium; about 10 to 23 weight percent cobalt; about 1 to about 3 weight percent of tungsten, rhenium, ruthenium, molybdenum, or a combination thereof; about 0.02 to about 0.15 weight percent of carbon; about 0.001 to about 0.025 weight percent of boron; up to 0.2 weight percent of zirconium, hafnium, or a combination thereof; into a molt; and

solidifying the casting.

- 14. (Withdrawn) The method of Claim 13, further comprising directionally solidifying the casting.
- 15. (Withdrawn) The method of Claim 13, wherein the casting is an equiaxed casting.
- 16. (Withdrawn) The method of Claim 13, further comprising heat treating the casting at a temperature of about 1095 to about 1200 °C.
- 17. (Withdrawn) The method of Claim 16, wherein the heat treatment is conducted for a period of about 1 to about 4 hours.

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18. (Withdrawn) The method of Claim 13, further comprising solution heat treating the casting at a temperature of about 750 to about 850  $^{\circ}$ C.

- 19. (Original) A turbine component manufactured from the composition of Claim 1.
- 20. (Withdrawn) A turbine component manufactured from the composition of Claim 11.
- 21. (Withdrawn) A turbine component manufactured by the method of Claim 13.